



# FortiClient (Linux) - Release Notes

Version 6.0.0

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FortiClient (Linux) 6.0.0 Release Notes

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# Change Log

Date	Change Description
2018-05-31	Initial release of FortiClient (Linux) 6.0.0.

# Introduction

FortiClient (Linux) 6.0.0 is a new endpoint product for well-known Linux distributions, and it provides FortiTelemetry, Antivirus, and Vulnerability Scan features. FortiClient (Linux) can also download and use FortiSandbox signatures.

This document provides a summary of support information and installation instructions for FortiClient (Linux) 6.0.0 build 0029.

- Introduction
- [What's New in FortiClient \(Linux\) 6.0.0](#)
- [Installation Information](#)
- [Product Integration and Support](#)
- [Known Issues](#)

Review all sections prior to installing FortiClient.

# What's New in FortiClient (Linux) 6.0.0

This section identifies the new features and enhancements in FortiClient (Linux) 6.0.0. For more information, see the *FortiClient Administration Guide*.

## Linux support

FortiClient 6.0.0 introduces expanded platform coverage to include Linux support. FortiClient Linux 6.0.0 supports Fabric Agent, Vulnerability Detection, Anti-Malware and Sandbox Threat Intelligence (no file submission). FortiClient (Linux) can be centrally managed using FortiClient EMS.

# Installation Information

## Installing FortiClient (Linux)

You can install FortiClient (Linux) on the following operating systems:

- Red Hat
- CentOS
- Ubuntu

For supported versions, see [Product Integration and Support](#) on page 9.

### Installing on Red Hat or CentOS

**To install on Red Hat or CentOS:**

1. Obtain a FortiClient Linux installation rpm file.
2. In a terminal window, run the following command:  

```
$ sudo yum install <FortiClient installation rpm file> -y
```

### Installing on Ubuntu

**To install on Ubuntu:**

1. Obtain a FortiClient Linux installation deb file.
2. Install FortiClient using the following command:  

```
$ sudo apt-get install <FortiClient installation deb file>
```

If installing FortiClient on Ubuntu 17.10 or 18.04, install the dependencies: `libgconf2-4` and `libgconf-2-4` by using the following command:

```
$ sudo apt-get install <FortiClient deb file> libgconf2-4 libgconf-2-4
```

### Installation folder and running processes

FortiClient installation folder is `/usr/bin/forticlient`.

`config.xml` is in `/etc/forticlient`

In case there are issues, or to report a bug, FortiClient logs are available in `/var/log/forticlient`.

```

forticlient: bash - Konsole
File Edit View Bookmarks Settings Help
[qa@localhost Downloads]$ cd /usr/bin/forticlient/
[qa@localhost forticlient]$ ls -al
total 13616
drwxr-xr-x. 9 root root 4096 Sep 26 09:58 .
dr-xr-xr-x. 3 root root 45056 Sep 26 09:57 ..
drwxr-xr-x. 2 root root 60 Sep 26 09:57 certs
-rwxr-xr-x. 1 root root 967176 Sep 25 12:09 fctshelper
-rwxr-xr-x. 1 root root 1504568 Sep 25 12:09 fctsd
-rwxr-xr-x. 1 root root 1410872 Sep 25 12:09 fmon
-rwxr-xr-x. 1 root root 858352 Sep 25 12:09 fortitray
drwxr-xr-x. 3 root root 35 Sep 26 09:57 gui
-rwxr-xr-x. 1 root root 71152 Sep 25 12:09 guichannel.node
-rwxr-xr-x. 1 root root 343872 Sep 25 12:09 guisensenger.node
drwxr-xr-x. 2 root root 69 Sep 26 09:57 images
-rwxr-xr-x. 1 root root 2924168 Sep 25 12:09 libav.so
drwxr-xr-x. 2 root root 24 Sep 26 09:58 Logs
drwxr-xr-x. 2 root root 6 Sep 25 12:09 quarantine
-rwxr-xr-x. 1 root root 1081976 Sep 25 12:09 scanunit
-rwxr-xr-x. 1 root root 37 Sep 26 09:58 schtasks.json
-rwxr-xr-x. 1 root root 4649352 Sep 25 12:09 update
drwxr-xr-x. 2 root root 41 Sep 26 09:57 vir_sig
-rwxr-xr-x. 1 root root 29742 Sep 25 12:09 Windows-exported-b1075.xml
drwxr-xr-x. 2 root root 25 Sep 26 09:57 XHLS
[qa@localhost forticlient]$

```

Some running processes `/usr/bin/forticlient` include:

- fctsd
- fortitray
- FortiClient
- epctr

## Uninstalling FortiClient (Linux)

Use the following procedure to uninstall FortiClient (Linux) from Red Hat or CentOS operating systems.

### To uninstall FortiClient:

1. In a terminal window, run the following command:  

```
$ sudo yum remove forticlient
```

Use the following procedure to uninstall FortiClient (Linux) from Ubuntu operating systems.

### To uninstall FortiClient:

1. In a terminal window, run the following command:  

```
$ sudo apt-get remove forticlient
```



# Product Integration and Support

## FortiClient 6.0.0 support

The following table lists version 6.0.0 product integration and support information.

### FortiClient 6.0.0 support information

<b>Operating Systems</b>	<ul style="list-style-type: none"><li>• Ubuntu 16.04 and later</li><li>• Red Hat 7.4 and later</li><li>• CentOS 7.4 and later with KDE or GNOME</li></ul>
<b>FortiClient EMS</b>	<ul style="list-style-type: none"><li>• 6.0.0</li></ul>
<b>FortiOS</b>	<ul style="list-style-type: none"><li>• 6.0.0</li><li>• 5.6.0 and later</li></ul>
<b>FortiSandbox</b>	<ul style="list-style-type: none"><li>• 2.5.0 and later</li><li>• 2.4.0 and later</li><li>• 2.3.3 and later</li></ul>

# Known Issues

The following issues have been identified in FortiClient (Linux) 6.0.0. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

## Endpoint Control

Bug ID	Description
482722	Endpoint is still managed after being excluded from management.
482728	FortiGate IP list with wrong registration with key.
482743	Remember FortiClient Telemetry connection key does not work.
482748	EMS reported Sandbox enabled for FortiClient Linux.

## Malware

Bug ID	Description
481618	FortiClient does not report an event in the log file when it blocks USB.
482482	Quick Scan does not end when started from EMS.
483304	AV RTP bubble message shows FortiClient Virus Alert is ready.

## Vulnerability Scan

Bug ID	Description
482883	FortiClient (Linux) displays third-party applications under OS section.

## Install and upgrade

Bug ID	Description
477067	Create FortiClient (Linux) in EMS.
477079	New installs, upgrades through FDS.

## GUI

Bug ID	Description
473036	AV Scan result not refreshed.
482415	Test button for Sandbox does not provide any notification if a valid or invalid Sandbox IP is provided.
482457	Unable to stop scheduled full AV scan.
482471	FortiClient quarantine table displays filename in the quarantined folder.
482888	FortiClient allows to start patch to run multiple times at the same time.
483300	FortiClient Linux Dashboard randomly displays and is stuck at quick/full scan after EMS triggered quick scan.
483948	Allow user to specify username on FortiClient Console.
485792	The lock button does not allow to set the password and lock settings.
490844	No detailed message for AV signature not update non-compliant issue.
491507	FortiClient should not display AV page if the feature was not installed with FortiClient even when AV is enabled from EMS profile.
491848	FortiClient allows to add folders to the AV exclusion list after being registered to EMS.

## Logs

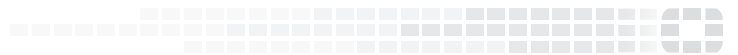
Bug ID	Description
477063	Send logs to FortiAnalyzer.

## Other

Bug ID	Description
477062	Display Endpoint Control messages in the Linux OS notifications area.
482553	FortiClient shows FortiTray icon inconsistently.
483028	FortiTray crashes when switching between different user accounts.
491744	FortiTray "Quit" entry need to be disabled when the Endpoint Telemetry is connected.



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